



What Is A High Cost Outlier?

A high cost outlier is an adjustment to the Federal payment rate for LTCH stays with unusually high costs that exceed the typical cost for an LTC-DRG. This adjustment strongly improves the accuracy of the LTCH PPS in determining patient and hospital resource costs. High cost outlier payments reduce the LTCH's financial losses that result from treating patients who require more costly care. Additionally, the outlier policy reduces the incentives to underserve high cost patients. As a result of the additional payment, the LTCH's loss is limited to the fixed-loss amount and the percentage of costs above the marginal cost factor.

What Type Of Cases Result In A High Cost Outlier Payment?

A case can result in a high cost outlier payment if the cost of the patient's stay is extraordinarily high when compared to the costs of most cases grouped to the same LTC-DRG.

<i>Background</i>	<i>What Are Long-Term Care-Diagnosis Related Groups?</i>
Under the Medicare system, long-term care hospitals (LTCHs) generally treat patients who require hospital-level care for an average of 25 days. The Balanced Budget Refinement Act of 1999 (BBRA) mandated a new discharge-based prospective payment system for long-term care hospitals. The new payment system, the long-term care hospital prospective payment system (LTCH PPS), replaces the current cost-based system. Congress provided further requirements for the LTCH PPS in the Medicare, Medicaid, and SCHIP Benefits Improvements and Protection Act of 2000 (BIPA). The Centers for Medicare and Medicaid Services (CMS) published a proposed rule in the Federal Register for the LTCH PPS on March 22, 2002. After a period of public comment, CMS published the Final Rule for the LTCH PPS on August 30, 2002.	The LTCH PPS uses long-term care-diagnosis related groups (LTC-DRGs) as a patient classification system. Each patient stay is grouped into an LTC-DRG based on diagnoses (including secondary diagnoses), procedures performed, age, gender, and discharge status. Each LTC-DRG has a pre-determined average length of stay (ALOS), or the typical length of stay for a patient classified to the LTC-DRG. Under the LTCH PPS, an LTCH receives payment for each Medicare patient based on the LTC-DRG to which that patient's stay is grouped. This grouping reflects the typical resources used for treating such a patient. Cases assigned to an LTC-DRG are paid according to the Federal payment rate, including adjustments. One type of case-level adjustment is a high cost outlier.

How Does A Case Qualify For A High Cost Outlier Payment?

A case qualifies for a high cost outlier payment if the estimated cost of the case exceeds the high cost outlier threshold.

What is the High Cost Outlier Threshold?

The high cost outlier threshold equals the LTCH PPS Federal payment for the case (either the applicable short-stay outlier or full LTC-DRG payment) plus the fixed loss amount (see Calculation 1). The fixed loss amount for FY03 is \$24,450.

How Are High Cost Outliers Paid?

High cost outlier payments are made in addition to the applicable short-stay outlier or full LTC-DRG payment established for the case. A high cost outlier payment is equal to 80 percent of the difference between the estimated cost of the case and the outlier threshold.

For each Fiscal Year, CMS establishes a fixed-loss amount to ensure that the total high cost outlier payments in a given year are equal to 8 percent of the total LTCH PPS payments projected for that year (i.e., the applicable short-stay outlier or full LTC-DRG payments plus high cost outlier payments).

How Is The Estimated Cost Of The Case Determined?

The estimated cost of the case is determined by multiplying the Medicare covered charges for the case by the LTCH's overall cost-to-charge ratio. Please refer to the calculation examples on the following pages to determine Medicare covered charges when a patient's benefits expire during the LTCH stay.

How Are High Cost Outlier Payments Calculated?

To calculate a high cost outlier payment, first determine the estimated cost of the case and the high cost outlier threshold. Next, compare the estimated cost of the case and the high cost outlier threshold to determine if the case

qualifies for a high cost outlier payment (i.e., the cost of the case exceeds the high cost outlier threshold). If the case qualifies for a high cost outlier payment, the cost of the case and the high cost outlier threshold are then used to calculate the amount of the high cost outlier payment. The information shown below is an example of a high cost outlier payment calculation:

Data Used In The Following Example Payment Calculation

Full LTC-DRG Payment For LTC-DRG 113	\$50,380.19
Fixed-Loss Amount for FY03	\$24,450
Overall Hospital Cost-to-Charge Ratio	0.8114

Calculation 1: High Cost Outlier Threshold Calculation

LTC-DRG Payment + Fixed-Loss Amount

\$50,380.19	Full LTC-DRG Payment For LTC-DRG 113
+ \$24,450	FY03 Fixed-Loss Amount
\$74,830.19	High Cost Outlier Threshold

Calculation 2: Estimated Cost of Case Calculation

Medicare Covered Charges x Overall Hospital Cost to Charge Ratio

\$187,895.14	Medicare Covered Charges
x 0.8114	Overall Hospital Cost-to-Charge Ratio
\$152,458.12	Estimated Cost of Case

For a high cost outlier, the Medicare covered charges are the Medicare allowable charges incurred during the days of the stay that the patient has a Medicare benefit day (either regular, coinsurance, and/or lifetime reserve) available, not the length of stay for the episode of care.

Calculation 3: High Cost Outlier Payment Calculation

80% x (Estimated Cost of Case - High Cost Outlier Threshold)

\$152,458.12	Estimated Cost of Case
- \$74,830.19	High Cost Outlier Threshold
\$77,628.01	
x 0.80	Decimal Representation of 80%
\$62,102.41	High Cost Outlier Payment

In the example above, the case would be paid \$112,482.60 (the full LTC-DRG payment of \$50,380.19 plus the high cost outlier payment of \$62,102.41). In the first four years of the transition to the LTCH PPS, an offset to all payments is made to maintain budget neutrality.

How Is The Fixed-Loss Amount Determined?

CMS determined the FY03 fixed-loss amount using 2001 MedPAR claims data and the best available cost report data. The fixed-loss amount that is used in the calculation for the high cost outlier payment formula results in outlier payments that are equal to 8 percent of projected total LTCH PPS payments (i.e., the applicable short-stay outlier or full LTC-DRG payments plus high cost outlier payments). CMS recalculates the fixed-loss amount annually.

How Is The Cost-To-Charge Ratio Calculated?

The Fiscal Intermediary calculates the LTCH's CCR from the latest settled cost report or from the applicable statewide average (if the cost report is not available, or if the value is outside of the applicable range).



Who Determines If A High Cost Outlier Payment Applies?

Upon receipt of the claim, the Fiscal Intermediary determines high cost outlier payments using the PRICER software. The Fiscal Intermediary will also determine if enough benefit days existed for each medically necessary day in the outlier period. If the patient had enough benefit days, the Fiscal Intermediary will process the claim as usual, with no other action needed from the long-term care hospital. If the patient did not have enough benefit days, the Fiscal Intermediary returns the claim, with the appropriate high cost outlier threshold amount indicated, to the LTCH for correction.

Can A Case Qualify For Both Short Stay Outlier And High Cost Outlier Payments?

If the estimated cost of the short-stay outlier case exceeds the high cost outlier threshold, the short-stay outlier case would also qualify as a high cost outlier case. For short-stay outlier cases, the outlier threshold is determined by adding the fixed-loss amount to the applicable short-stay outlier payment for the LTC-DRG (not the full LTC-DRG payment). Please see the Short-Stay Outliers Fact Sheet for more information on short-stay outliers.

What If The Patient's Benefits Expire During The LTCH Stay?

Under the LTCH PPS, Medicare will only make a high cost outlier payment for days that the beneficiary has Medicare coverage (either regular, coinsurance, or lifetime reserve days) for the period (or portion of the stay) beyond

the high cost outlier threshold (see Calculation 1). Medicare will only make high cost outlier payments for covered costs associated with medically necessary days for which the patient has a benefit day available.

HIGH COST OUTLIERS FACT SHEET

Example:

<i>If...</i>	<i>Then...</i>	<i>Example</i>
<i>A patient's benefits are exhausted before qualifying for a full LTC-DRG payment and the cost of covered care <u>exceeds</u> the high cost outlier threshold for the applicable short-stay outlier payment...</i>	<i>The LTCH receives a high cost outlier payment <u>in addition</u> to the short-stay outlier payment for the covered medically necessary benefit days.</i>	<i>A patient is admitted to the LTCH with 5 remaining benefit days, and is grouped to an LTC-DRG with an ALOS of 30 days. The patient does not have enough regular benefit days to trigger a full LTC-DRG payment (5/6 of the ALOS for the LTC-DRG) for this stay. The lack of benefit days qualifies the case for a short-stay outlier payment. The facility's cost for providing covered services during the five benefit days exceeds the high cost outlier threshold. Therefore, the case also qualifies for a high cost outlier payment for all costs above the high cost outlier threshold for Days 1-5. The patient is liable for Day 6 through discharge.</i>
<i>If...</i>	<i>Then...</i>	<i>Example</i>
<i>A patient's benefits are exhausted after qualifying for a full LTC-DRG payment and the cost of covered care <u>exceeds</u> the high cost outlier threshold for the applicable full LTC-DRG payment...</i>	<i>The LTCH receives a high cost outlier payment <u>in addition</u> to the full LTC-DRG payment for the covered medically necessary benefit days.</i>	<i>A patient is admitted to the LTCH with 36 remaining benefit days, and is grouped to an LTC-DRG with an ALOS of 30 days. By Day 33, the patient's cost of care has exceeded the high cost outlier threshold. The case qualifies for both a full LTC-DRG payment and a high cost outlier payment for all covered costs (for which there is a benefit day available) above the high cost outlier threshold. The patient is liable for Day 37 through discharge.</i>
<i>B a t . . .</i>		
<i>If...</i>	<i>Then...</i>	<i>Example</i>
<i>A patient qualifies for a full LTC-DRG and uses all of their regular benefit days for a stay <u>before</u> the high cost outlier threshold is exceeded...</i>	<i>The LTCH receives only a full LTC-DRG payment. A high cost outlier payment <u>is not</u> made. <i>In addition, the patient <u>is not</u> liable for the costs that are incurred until the day <u>after</u> the high cost outlier threshold for the LTC-DRG is exceeded.</i></i>	<i>A patient is admitted to the LTCH with 36 remaining benefit days, and is grouped to an LTC-DRG with an ALOS of 30 days. The patient's cost of care does not exceed the high cost outlier threshold until Day 45. Since the patient has exhausted all of their benefit days before reaching the high cost outlier threshold, the case is not eligible for a high cost outlier payment. The patient <u>is not</u> liable for covered costs from Days 37-45. However, the patient <u>is</u> liable for Day 46 through discharge. This case receives only the full LTC-DRG payment because it does not qualify for a high cost outlier payment.</i>

Medicare provides 90 covered benefit days for an episode of care under the inpatient hospital benefit. In addition, each patient has 60 lifetime reserve days. These lifetime reserve days may be used to cover additional non-covered days of an episode of care that exceeds 90 days.

If The Patient's Benefits Expire During The LTCH Stay, How Is Any Applicable High Cost Outlier Payment Calculated?

If the patient's benefits expire during the LTCH stay, first determine on what day of the stay the cost of the case reaches the high cost outlier threshold (using charges per day and the cost-to-charge ratio). Then determine the number of benefit days the beneficiary has available. Only the costs for the days after the cost of the case reaches the high cost outlier threshold amount for which the patient has benefit days available are used in the calculation of a high cost outlier payment. If the patient remains under care following the expiration of benefits, the patient is liable for the costs of those remaining days.

Where Can I Find More Information About The LTCH PPS?

The following online references provide more information about the LTCH PPS:

§ The Medicare Learning Network

<http://cms.hhs.gov/medlearn/lrchpps.asp>

The Medicare Learning Network features CMS provider education materials for the LTCH PPS, including the *CMS Long-Term Care Hospital Prospective Payment System Training Guide*.

§ LTCH PPS Program Memorandum

http://cms.hhs.gov/manuals/pm_trans/A02093.pdf

Instructions for Fiscal Intermediaries implementing the LTCH PPS system can be found in Program Memorandum A-02-093, *Instructions for Implementing the Long-Term Care Hospital Prospective Payment System*, dated September 27, 2002.

§ LTCH PPS Final Rule and Other LTCH PPS Related Documents

<http://cms.hhs.gov/providers/longterm/default.asp>

Additional LTCH PPS related documents, including a Frequently Asked Questions List, are provided at this Web site.

Questions about high cost outliers and the long-term care hospital prospective payment system can be emailed to lrchpps@cms.hhs.gov.

Where Can I Find More Information About ICD-9-CM Coding?

The LTCH PPS Final Rule emphasized that proper coding is essential for correct diagnosis and procedure reporting. The following online references provide ICD-9-CM coding guidance:

§ The ICD-9-CM Official Guidelines for Coding and Reporting

<http://www.cdc.gov/nchs/data/icd9/icdguide.pdf>

The LTCH PPS Final Rule stated that the *ICD-9-CM Official Guidelines for Coding and Reporting* is essential reading for understanding how to report the proper diagnosis and procedure codes that are used in determining the LTC-DRG payment amounts.

§ Updates to the ICD-9-CM Diagnosis and Procedure Codes

<http://www.cms.hhs.gov/paymentsystems/icd9/default.asp>

This Web site identifies the activities (including public meeting schedules and agendas) of the ICD-9-CM Coordination and Maintenance Committee charged with maintaining and updating the ICD-9-CM coding system.